

General

Title

Diagnostic flexible bronchoscopy: proportion of bronchoscopy procedures performed with a completed safety checklist.

Source(s)

British Thoracic Society (BTS). Quality standards for diagnostic flexible bronchoscopy in adults. London (UK): British Thoracic Society (BTS); 2014 Dec. 37 p. (British Thoracic Society Reports; no. 5). [28 references]

Measure Domain

Primary Measure Domain

Clinical Quality Measures: Process

Secondary Measure Domain

Does not apply to this measure

Brief Abstract

Description

This measure is used to assess the proportion of bronchoscopy procedures performed with a completed safety checklist.

Rationale

In 2009 the National Patient Safety Agency published an alert for healthcare organisations to use the World Health Organisation (WHO) Surgical Safety Checklist in any operating theatre environment.

In June 2008, WHO launched a second Global Patient Safety Challenge, "Safe Surgery Saves Lives," to reduce the number of surgical deaths across the world. The safety checklist is part of this initiative.

The checklist divides the procedure into two phases, each corresponding to a specific time period in the normal flow of a procedure;

The period before the procedure starts or sedation is given

The period during or immediately after the procedure is completed, but before taking the patient out of the procedure room

Nearly all the steps are checked verbally (by the bronchoscopist/nurse in charge) with the appropriate personnel to ensure that key actions have been performed and are indicated on the checklist.

The checklist co-ordinator (bronchoscopist) and nurse in charge both take responsibility to ensure the checklist is completed in full before the patient moves to the recovery area.

Endoscopy teams should seek to incorporate use of the checklist into their work with maximum efficiency and minimum disruption, while aiming to accomplish the steps in a timely and effective manner.

Organisations are required to:

- Ensure an executive and a clinical lead is identified in order to implement the safety checklist within the organisation

- Ensure the checklist is completed for every patient undergoing a surgical procedure, including procedures under sedation and local anaesthesia

- Ensure that a registered member of the team enters the checklist in the clinical notes or electronic record of each patient

The British Thoracic Society (BTS) guideline for diagnostic flexible bronchoscopy in adults (Du Rand et al., 2013) and the BTS guideline for advanced diagnostic and therapeutic flexible bronchoscopy in adults (Du Rand et al., 2011) are the main references for the quality standards.

Evidence for Rationale

British Thoracic Society (BTS). Quality standards for diagnostic flexible bronchoscopy in adults. London (UK): British Thoracic Society (BTS); 2014 Dec. 37 p. (British Thoracic Society Reports; no. 5). [28 references]

Du Rand IA, Barber PV, Goldring J, Lewis RA, Mandal S, Munavvar M, Rintoul RC, Shah PL, Singh S, Slade MG, Woolley A, British Thoracic Society Interventional Bronchoscopy Guideline Group. British Thoracic Society guideline for advanced diagnostic and therapeutic flexible bronchoscopy in adults. Thorax. 2011 Nov;66(Suppl 3):iii1-21. [131 references] [PubMed](#)

Du Rand IA, Blaikley J, Booton R, Chaudhuri N, Gupta V, Khalid S, Mandal S, Martin J, Mills J, Navani N, Rahman NM, Wrightson JM, Munavvar M, British Thoracic Society Bronchoscopy Guideline Group. British Thoracic Society guideline for diagnostic flexible bronchoscopy in adults. Thorax. 2013 Aug;68(Suppl 1):i1-44. [303 references] [PubMed](#)

World Health Organisation (WHO). Surgical safety checklist. Geneva (Switzerland): World Health Organisation (WHO); 2009 Jan. 1 p.

Primary Health Components

Flexible bronchoscopy; safety checklist

Denominator Description

The number of procedures done

Numerator Description

The number of safety checklists completed (see the related "Numerator Inclusions/Exclusions" field)

Evidence Supporting the Measure

Type of Evidence Supporting the Criterion of Quality for the Measure

A clinical practice guideline or other peer-reviewed synthesis of the clinical research evidence

Additional Information Supporting Need for the Measure

Unspecified

Extent of Measure Testing

Unspecified

National Guideline Clearinghouse Link

[British Thoracic Society guideline for diagnostic flexible bronchoscopy in adults.](#)

State of Use of the Measure

State of Use

Current routine use

Current Use

not defined yet

Application of the Measure in its Current Use

Measurement Setting

Ambulatory Procedure/Imaging Center

Hospital Inpatient

Hospital Outpatient

Professionals Involved in Delivery of Health Services

not defined yet

Least Aggregated Level of Services Delivery Addressed

Single Health Care Delivery or Public Health Organizations

Statement of Acceptable Minimum Sample Size

Unspecified

Target Population Age

Adults

Target Population Gender

Either male or female

National Strategy for Quality Improvement in Health Care

National Quality Strategy Aim

Better Care

National Quality Strategy Priority

Health and Well-being of Communities

Making Care Safer

Institute of Medicine (IOM) National Health Care Quality Report Categories

IOM Care Need

Staying Healthy

IOM Domain

Safety

Data Collection for the Measure

Case Finding Period

Unspecified

Denominator Sampling Frame

Patients associated with provider

Denominator (Index) Event or Characteristic

Diagnostic Evaluation

Denominator Time Window

not defined yet

Denominator Inclusions/Exclusions

Inclusions

The number of procedures done

Exclusions

Unspecified

Exclusions/Exceptions

not defined yet

Numerator Inclusions/Exclusions

Inclusions

The number of safety checklists completed

Note: Refer to Appendix 2 of the original measure documentation for the British Thoracic Society (BTS) Flexible Bronchoscopy Safety Checklist (adapted from the World Health Organisation [WHO] Surgical Safety Checklist).

Exclusions

Unspecified

Numerator Search Strategy

Fixed time period or point in time

Data Source

Administrative clinical data

Type of Health State

Does not apply to this measure

Instruments Used and/or Associated with the Measure

British Thoracic Society (BTS) Flexible Bronchoscopy Safety Checklist (adapted from the World Health Organisation [WHO] Surgical Safety Checklist)

Computation of the Measure

Measure Specifies Disaggregation

Does not apply to this measure

Scoring

Rate/Proportion

Interpretation of Score

Desired value is a higher score

Allowance for Patient or Population Factors

not defined yet

Standard of Comparison

not defined yet

Identifying Information

Original Title

Quality statement 2b.

Measure Collection Name

Quality Standards for Diagnostic Flexible Bronchoscopy in Adults

Submitter

British Thoracic Society - Medical Specialty Society

Developer

British Thoracic Society - Medical Specialty Society

Funding Source(s)

British Thoracic Society

Composition of the Group that Developed the Measure

A Quality Standards Working Group was convened in September 2013, with the following membership:

Dr Ingrid Du Rand, *Co-Chair*, consultant respiratory physician, Hereford
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Dr Nazia Chaudhuri, consultant respiratory physician, Manchester
Dr James Finnerty, consultant respiratory physician, Chester
Dr Vandana Gupta, specialist registrar in respiratory medicine, Manchester
Dr Saifudin Khalid, consultant respiratory physician, Blackburn
Dr Swapna Mandal, specialist registrar in respiratory medicine, London
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Financial Disclosures/Other Potential Conflicts of Interest

Members of the Quality Standards Group submitted Declaration of Interest forms in line with the British Thoracic Society (BTS) policy and copies of forms are available online via the [BTS Web site](#)

or on request from the BTS Head Office.

Adaptation

This measure was not adapted from another source.

Date of Most Current Version in NQMC

2014 Dec

Measure Maintenance

The Quality Standards document will be reviewed in 2018 or following the publication of a revised guideline, whichever is the sooner.

Date of Next Anticipated Revision

2018

Measure Status

This is the current release of the measure.

Measure Availability

Source available from the [British Thoracic Society \(BTS\) Web site](#) .

For more information, contact BTS at 17 Doughty St, London, WC1N 2PL; Tel: ++ 44 (0) 20 7831 8778;

NQMC Status

This NQMC summary was completed by ECRI Institute on November 15, 2016. The information was verified by the measure developer on January 4, 2017.

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Production

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